

## COMMUNICABLE DISEASE CENTER



# Morbidity and Mortality

Vol. 15, No. 50

WEEKLY  
REPORTWeek Ending  
December 17, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

## CURRENT TRENDS - MEASLES - 1966

A total of 1,433 cases was reported for the 50th week (ending December 17), an increase of 95 cases from the preceding week. The states reporting the most cases were Texas with 315, Washington with 197, and Arkansas with 174. Seven states did not report any measles cases. This week's increase in reported cases is shown compared to those notified during the previous four epidemiological years in Figure 1.

The counties reporting "outbreaks" of measles through the 49th week (ending December 10) are listed in Table 1.

(Reported by the Childhood Viral Diseases Unit, Epidemiology Branch, CDC.)

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## Current Trends

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## Arkansas

A total of 174 cases of measles was reported from Arkansas for the week ending December 17. Of this total, 55 cases occurred in the city of Greenbrier in Faulkner

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## CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

| DISEASE                                      | 50th WEEK ENDED      |                      | MEDIAN<br>1961 - 1965 | CUMULATIVE, FIRST 50 WEEKS |         |                       |
|----------------------------------------------|----------------------|----------------------|-----------------------|----------------------------|---------|-----------------------|
|                                              | DECEMBER 17,<br>1966 | DECEMBER 18,<br>1965 |                       | 1966                       | 1965    | MEDIAN<br>1961 - 1965 |
| Aseptic meningitis                           | 33                   | 38                   | 35                    | 2,866                      | 2,071   | 2,076                 |
| Brucellosis                                  | 4                    | 5                    | 5                     | 231                        | 237     | 383                   |
| Diphtheria                                   | 4                    | 5                    | 11                    | 186                        | 154     | 286                   |
| Encephalitis, primary:                       |                      |                      |                       |                            |         |                       |
| Arthropod-borne & unspecified                | 28                   | 32                   | ---                   | 2,070                      | 1,832   | ---                   |
| Encephalitis, post-infectious                | 11                   | 9                    | ---                   | 697                        | 634     | ---                   |
| Hepatitis, serum                             | 44                   |                      |                       | 1,426                      |         |                       |
| Hepatitis, infectious                        | 715                  | 607                  | 857                   | 31,259                     | 32,396  | 41,385                |
| Measles (rubeola)                            | 1,433                | 2,876                | 3,440                 | 200,727                    | 259,326 | 413,519               |
| Poliomyelitis, Total (including unspecified) | 1                    | 2                    | 6                     | 96                         | 60      | 429                   |
| Paralytic                                    | 1                    | 2                    | 4                     | 90                         | 46      | 366                   |
| Nonparalytic                                 | ---                  | ---                  | ---                   | ---                        | 9       | ---                   |
| Meningococcal infections, Total              | 58                   | 66                   | 47                    | 3,288                      | 2,914   | 2,253                 |
| Civilian                                     | 52                   | 63                   | ---                   | 2,969                      | 2,709   | ---                   |
| Military                                     | 6                    | 3                    | ---                   | 319                        | 205     | ---                   |
| Rubella (German measles)                     | 385                  | ---                  | ---                   | 45,299                     | ---     | ---                   |
| Streptococcal sore throat & Scarlet fever    | 7,846                | 7,938                | 7,917                 | 404,408                    | 375,321 | 325,667               |
| Tetanus                                      | 5                    | 4                    | ---                   | 191                        | 270     | ---                   |
| Tularemia                                    | 4                    | 3                    | ---                   | 173                        | 236     | ---                   |
| Typhoid fever                                | ---                  | 4                    | 6                     | 363                        | 436     | 520                   |
| Typhus, tick-borne (Rky. Mt. Spotted fever)  | ---                  | ---                  | ---                   | 248                        | 260     | ---                   |
| Rabies in Animals                            | 61                   | 67                   | 53                    | 3,859                      | 4,118   | 3,608                 |

## NOTIFIABLE DISEASES OF LOW FREQUENCY

|                                                       | Cum. |                               | Cum. |
|-------------------------------------------------------|------|-------------------------------|------|
| Anthrax:                                              | 7    | Botulism:                     | 10   |
| Leptospirosis: Fla.-1, Ga.-2, La.-1                   | 67   | Trichinosis:                  | 94   |
| Malaria: Ark.-1, Cal.-8, Ind.-1, Iowa-1, Ky-3, Mo.-1, |      | Rabies in Man:                | 1    |
| NJ-1, NC-2, Pa.-1, Okla.-2, Utah-1, NYC-1             | 493  | Rubella, Congenital Syndrome: | 23   |
| Psittacosis:                                          | 46   | Plague:                       | 5    |
| Typhus, murine: Tex.-2                                | 30   |                               |      |

# CURRENT TRENDS MEASLES - 1966

(Continued from front page)

County; an epidemic control program was conducted on December 16 in the Greenbrier Elementary School. The remaining 119 cases were from Oachita County, where measles was reported from two schools. At the present time, local officials are discussing the feasibility of

conducting a vaccination program there.

(Reported by Dr. Edgar J. Easley, Director, Bureau of Local Health Services, Arkansas State Board of Health; and an EIS Officer.)

Table 1  
Counties Reporting "Outbreaks" of Measles\*

| State and County | Pop. (1,000's) | October |    |     | November |    |    |     | December |     |
|------------------|----------------|---------|----|-----|----------|----|----|-----|----------|-----|
|                  |                | 15      | 22 | 29  | 5        | 12 | 19 | 26  | 3        | 10  |
| Kentucky         |                |         |    |     |          |    |    |     |          |     |
| Menifee .....    | 4              |         |    |     | 1        |    | 15 |     | 16       | 11† |
| Michigan         |                |         |    |     |          |    |    |     |          |     |
| Wayne .....      | 2,666          | 20      | 21 | 26† | 10       | 71 | 16 | 30  | 35       | 13  |
| Mississippi      |                |         |    |     |          |    |    |     |          |     |
| Oktibbeha .....  | 26             |         |    |     |          |    | 59 |     | 99       | 73  |
| Nebraska         |                |         |    |     |          |    |    |     |          |     |
| Richardson ..... | 14             |         |    |     | 8        | 41 | 18 | 7   |          | 27  |
| North Carolina   |                |         |    |     |          |    |    |     |          |     |
| Durham .....     | 112            |         |    |     | 1        |    | 34 | 25  | 15       | 42  |
| Oklahoma         |                |         |    |     |          |    |    |     |          |     |
| Kay .....        | 51             |         |    |     |          |    |    |     | 40†      | 35  |
| Oregon           |                |         |    |     |          |    |    |     |          |     |
| Washington ..... | 92             |         |    | 10  | 12       | 69 | 56 | 65† | 83       | 33  |
| Tennessee        |                |         |    |     |          |    |    |     |          |     |
| Maury .....      | 42             | 11      | 9  | 4   |          | 25 |    | 14  | 24       | 8   |
| Texas            |                |         |    |     |          |    |    |     |          |     |
| Brown .....      | 25             |         |    | 1   | 3        |    | 17 | 13  | 44       | 7   |
| Galveston .....  | 140            | 24      | 59 | 16  | 9        |    | 12 | 2   | 12       | 22  |
| Hutchinson ..... | 34             |         |    | 50  |          |    | 2  | 50  | 130      |     |
| Parker .....     | 23             | 2       | 11 |     | 18       |    | 27 | 13  |          | 5   |
| Pecos .....      | 12             |         |    | 12  |          | 6  | 7  | 14  | 12       | 7   |
| Red River .....  | 16             | 2       | 2  |     |          | 14 | 11 | 26  | 12       | 10  |
| Travis .....     | 212            | 3       | 4  | 7   | 3        | 1  | 5  | 20  | 22       | 30  |
| Vermont          |                |         |    |     |          |    |    |     |          |     |
| Rutland .....    | 47             | 25      | 12 | 14  | 5†       | 4  | 13 | 1   | 6        | 21  |
| Washington       |                |         |    |     |          |    |    |     |          |     |
| King .....       | 935            | 15      | 17 | 6   | 41       | 6  | 48 | 38  | 38       | 29  |
| Snohomish .....  | 172            | 71      | 55 | 95  | 60       | 3  | 89 | 25† | 44       | 21  |
| Spokane .....    | 278            | 19      | 14 | 23  | 42       | 24 | 60 | 14  | 36       |     |

\*Criteria for "outbreaks:"

Pop. at least 1,000,000: 25 cases for 2 consecutive weeks.

Pop. 500,000 - 999,999: 20 cases for 2 consecutive weeks.

Pop. 100,000 - 499,999: 15 cases for 2 consecutive weeks.

Pop. less than 100,000: 10 cases for 2 consecutive weeks.

†Organized control measures undertaken according to reports received by MMWR.

## TUBERCULOSIS IN THE UNITED STATES

During 1965, the Health Departments in the United States reported 49,016 new active cases of tuberculosis, establishing the "new case" rate as 25.3 per 100,000 population. The corresponding case rate for 1964 was 26.6 per 100,000 population.

The Public Health Service Special Tuberculosis Project Grants program was expanded to include 80 grant areas as of September 1966 in 49 States, the District of Columbia, and Puerto Rico.

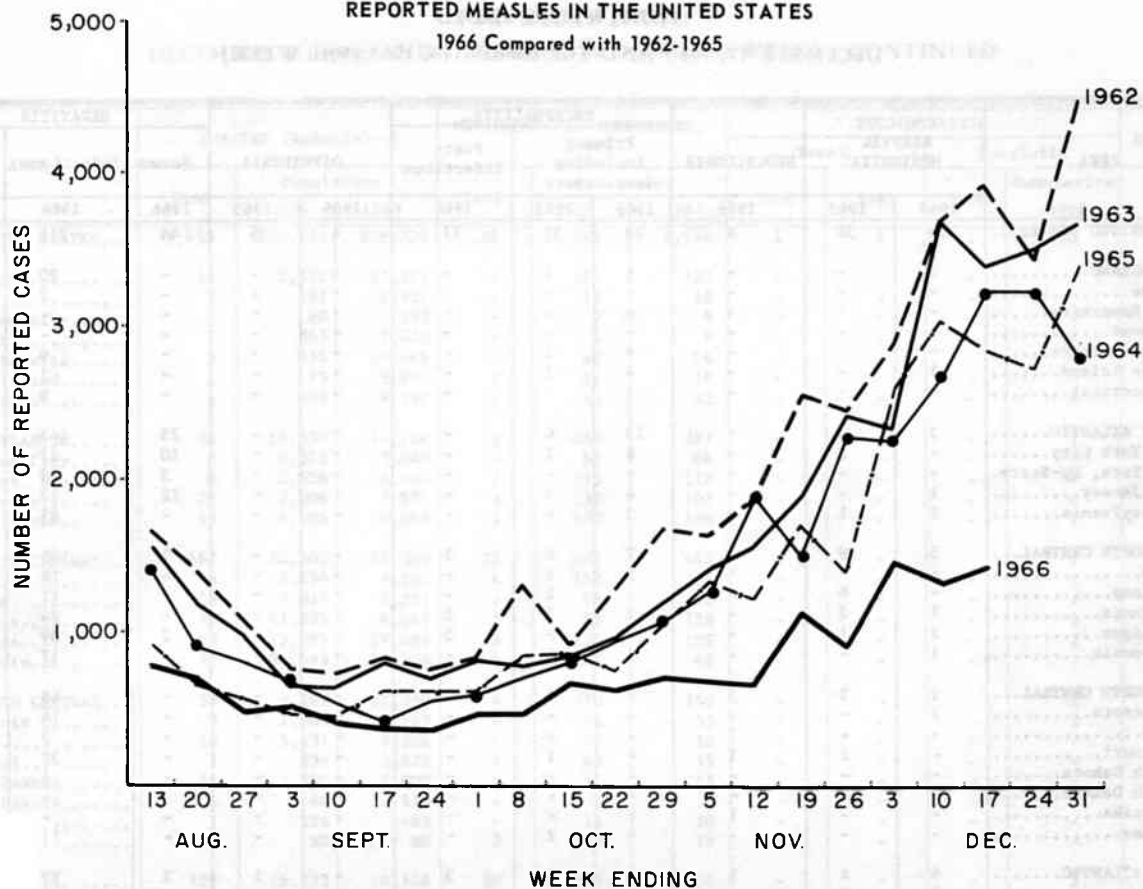
In 62 of these project areas for which data were submitted for the year ending December 31, 1965, there were 166,829 persons on tuberculosis registers including

36,986 with active tuberculosis, of which 17,606 were in hospitals.

In 51 project areas where 15,889 new active tuberculosis cases were found during 1965, 95,862 contacts were identified; 42,208 were household contacts to new active cases and 53,654 were non-household contacts. Among the 36,724 household contacts who were given an examination, 1,116 new active tuberculosis cases were discovered, and among the 45,086 non-household contacts examined, and additional 333 persons were found to have active tuberculosis.

(Reported by Tuberculosis Branch, CDC.)

Figure 1  
REPORTED MEASLES IN THE UNITED STATES  
1966 Compared with 1962-1965



### SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas November 1965 and November 1966 - Provisional Data

| Reporting Area            | November |      | Cumulative Jan-Nov |       | Reporting Area          | November |       | Cumulative Jan-Nov |        |
|---------------------------|----------|------|--------------------|-------|-------------------------|----------|-------|--------------------|--------|
|                           | 1966     | 1965 | 1966               | 1965  |                         | 1966     | 1965  | 1966               | 1965   |
| NEW ENGLAND.....          | 36       | 44   | 425                | 439   | EAST SOUTH CENTRAL..... | 107      | 211   | 2,050              | 2,480  |
| Maine.....                | -        | -    | 3                  | 2     | Kentucky.....           | 10       | 6     | 129                | 126    |
| New Hampshire.....        | 2        | 2    | 12                 | 27    | Tennessee.....          | 18       | 33    | 275                | 471    |
| Vermont.....              | 1        | 2    | 3                  | 4     | Alabama.....            | 71       | 115   | 1,162              | 1,322  |
| Massachusetts.....        | 14       | 29   | 282                | 269   | Mississippi.....        | 8        | 57    | 484                | 561    |
| Rhode Island.....         | 1        | 3    | 26                 | 21    | WEST SOUTH CENTRAL..... | 256      | 154   | 2,564              | 2,143  |
| Connecticut.....          | 18       | 8    | 99                 | 116   | Arkansas.....           | 8        | 11    | 143                | 198    |
| MIDDLE ATLANTIC.....      | 318      | 414  | 3,568              | 4,442 | Louisiana.....          | 58       | 25    | 602                | 606    |
| Upstate New York.....     | 30       | 45   | 334                | 514   | Oklahoma.....           | 11       | 4     | 129                | 101    |
| New York City.....        | 198      | 240  | 2,147              | 2,558 | Texas.....              | 179      | 114   | 1,690              | 1,238  |
| Pa. (Excl. Phila.).....   | 13       | 11   | 182                | 171   | MOUNTAIN.....           | 35       | 41    | 428                | 504    |
| Philadelphia.....         | 16       | 44   | 243                | 306   | Montana.....            | -        | 5     | 30                 | 19     |
| New Jersey.....           | 61       | 74   | 662                | 893   | Idaho.....              | 8        | 2     | 20                 | 9      |
| EAST NORTH CENTRAL.....   | 238      | 221  | 2,970              | 2,759 | Wyoming.....            | 1        | -     | 1                  | 9      |
| Ohio.....                 | 41       | 33   | 587                | 584   | Colorado.....           | 9        | 1     | 45                 | 45     |
| Indiana.....              | 6        | 2    | 86                 | 49    | New Mexico.....         | 16       | 11    | 103                | 106    |
| Downstate Illinois.....   | 10       | 11   | 158                | 185   | Arizona.....            | 18       | 16    | 198                | 245    |
| Chicago.....              | 71       | 85   | 954                | 1,096 | Utah.....               | 1        | 2     | 10                 | 17     |
| Michigan.....             | 109      | 87   | 1,097              | 770   | Nevada.....             | 2        | 4     | 21                 | 54     |
| Wisconsin.....            | 1        | 3    | 88                 | 75    | PACIFIC.....            | 140      | 159   | 1,597              | 1,854  |
| WEST NORTH CENTRAL.....   | 25       | 58   | 376                | 507   | Washington.....         | 4        | 7     | 39                 | 65     |
| Minnesota.....            | 1        | 10   | 31                 | 88    | Oregon.....             | 5        | 5     | 44                 | 38     |
| Iowa.....                 | 3        | 8    | 69                 | 43    | California.....         | 128      | 143   | 1,476              | 1,713  |
| Missouri.....             | 9        | 24   | 136                | 223   | Alaska.....             | 1        | -     | 11                 | 7      |
| North Dakota.....         | -        | -    | 4                  | 2     | Hawaii.....             | 2        | 4     | 27                 | 31     |
| South Dakota.....         | 4        | -    | 31                 | 38    | U. S. TOTAL.....        | 1,650    | 1,833 | 19,656             | 21,365 |
| Nebraska.....             | 6        | 9    | 48                 | 81    | TERRITORIES.....        | 68       | 78    | 910                | 804    |
| Kansas.....               | 2        | 7    | 57                 | 32    | Puerto Rico.....        | 65       | 76    | 883                | 780    |
| SOUTH ATLANTIC.....       | 475      | 531  | 5,678              | 6,237 | Virgin Islands.....     | 3        | 2     | 27                 | 24     |
| Delaware.....             | 5        | 2    | 49                 | 51    |                         |          |       |                    |        |
| Maryland.....             | 52       | 54   | 525                | 447   |                         |          |       |                    |        |
| District of Columbia..... | 50       | 31   | 470                | 446   |                         |          |       |                    |        |
| Virginia.....             | 25       | 20   | 290                | 294   |                         |          |       |                    |        |
| West Virginia.....        | 9        | 17   | 69                 | 95    |                         |          |       |                    |        |
| North Carolina.....       | 42       | 77   | 783                | 938   |                         |          |       |                    |        |
| South Carolina.....       | 63       | 71   | 807                | 772   |                         |          |       |                    |        |
| Georgia.....              | 95       | 72   | 938                | 996   |                         |          |       |                    |        |
| Florida.....              | 134      | 187  | 1,747              | 2,198 |                         |          |       |                    |        |

Note: Cumulative Totals include revised and delayed reports through previous months.

**FOR WEEKS ENDED**

DECEMBER 17, 1966 AND DECEMBER 18, 1965 (50th WEEK)

| AREA                    | ASEPTIC<br>MENINGITIS |      | BRUCELLOSIS | ENCEPHALITIS                        |                     |       | DIPHTHERIA |      | HEPATITIS  |               |      |
|-------------------------|-----------------------|------|-------------|-------------------------------------|---------------------|-------|------------|------|------------|---------------|------|
|                         |                       |      |             | Primary<br>including<br>unsp. cases | Post-<br>Infectious | Serum |            |      | Infectious | Both<br>Types |      |
|                         | 1966                  | 1965 |             | 1966                                | 1966                | 1965  | 1966       | 1966 | 1965       | 1966          | 1966 |
| UNITED STATES...        | 33                    | 38   | 4           | 28                                  | 32                  | 11    | 4          | 5    | 44         | 715           | 607  |
| NEW ENGLAND.....        | 1                     | -    | -           | 1                                   | 2                   | -     | -          | -    | -          | 20            | 20   |
| Maine.....              | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 2             | 5    |
| New Hampshire.....      | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | 1    |
| Vermont.....            | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | -    |
| Massachusetts.....      | -                     | -    | -           | -                                   | 1                   | -     | -          | -    | -          | 9             | 5    |
| Rhode Island.....       | 1                     | -    | -           | -                                   | 1                   | -     | -          | -    | -          | 1             | 5    |
| Connecticut.....        | -                     | -    | -           | 1                                   | -                   | -     | -          | -    | -          | 8             | 4    |
| MIDDLE ATLANTIC.....    | 3                     | 3    | -           | 13                                  | 4                   | -     | -          | -    | 25         | 142           | 126  |
| New York City.....      | -                     | 2    | -           | 6                                   | 1                   | -     | -          | -    | 10         | 22            | 24   |
| New York, Up-State..... | -                     | -    | -           | -                                   | -                   | -     | -          | -    | 3          | 23            | 52   |
| New Jersey.....         | 1                     | -    | -           | 4                                   | 3                   | -     | -          | -    | 12         | 12            | 9    |
| Pennsylvania.....       | 2                     | 1    | -           | 3                                   | -                   | -     | -          | -    | -          | 85            | 41   |
| EAST NORTH CENTRAL...   | 5                     | 9    | -           | 7                                   | 6                   | 5     | -          | -    | 2          | 129           | 134  |
| Ohio.....               | -                     | -    | -           | 5                                   | 1                   | -     | -          | -    | -          | 18            | 39   |
| Indiana.....            | -                     | 6    | -           | -                                   | 2                   | -     | -          | -    | -          | 11            | 15   |
| Illinois.....           | 2                     | 2    | -           | 1                                   | 1                   | 2     | -          | -    | -          | 24            | 16   |
| Michigan.....           | 2                     | 1    | -           | -                                   | -                   | 3     | -          | -    | 2          | 59            | 58   |
| Wisconsin.....          | 1                     | -    | -           | 1                                   | 2                   | -     | -          | -    | -          | 17            | 6    |
| WEST NORTH CENTRAL...   | 1                     | 2    | 3           | -                                   | 3                   | -     | -          | -    | -          | 65            | 22   |
| Minnesota.....          | 1                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 14            | 2    |
| Iowa.....               | -                     | -    | 1           | -                                   | -                   | -     | -          | -    | -          | 3             | 6    |
| Missouri.....           | -                     | 2    | 1           | -                                   | 1                   | -     | -          | -    | -          | 36            | 3    |
| North Dakota.....       | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 1             | -    |
| South Dakota.....       | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | -    |
| Nebraska.....           | -                     | -    | 1           | -                                   | -                   | -     | -          | -    | -          | -             | 1    |
| Kansas.....             | -                     | -    | -           | -                                   | 2                   | -     | -          | -    | -          | 11            | 10   |
| SOUTH ATLANTIC.....     | 6                     | 4    | 1           | 1                                   | 3                   | 3     | -          | 1    | 2          | 72            | 60   |
| Delaware.....           | 2                     | 2    | -           | -                                   | -                   | -     | -          | -    | -          | 1             | 1    |
| Maryland.....           | -                     | -    | 1           | 1                                   | 1                   | -     | -          | -    | 1          | 21            | 11   |
| Dist. of Columbia.....  | 1                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 2             | -    |
| Virginia.....           | -                     | -    | -           | -                                   | -                   | 2     | -          | -    | -          | 15            | 12   |
| West Virginia.....      | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 6             | 13   |
| North Carolina.....     | -                     | -    | -           | -                                   | 1                   | -     | -          | -    | 1          | 7             | 9    |
| South Carolina.....     | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 2             | 1    |
| Georgia.....            | -                     | -    | -           | -                                   | 1                   | -     | -          | 1    | -          | 11            | 2    |
| Florida.....            | 3                     | 2    | -           | -                                   | -                   | 1     | -          | -    | -          | 7             | 11   |
| EAST SOUTH CENTRAL...   | 4                     | 1    | -           | -                                   | 1                   | 1     | 1          | 2    | 3          | 54            | 32   |
| Kentucky.....           | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 22            | 8    |
| Tennessee.....          | 2                     | -    | -           | -                                   | 1                   | 1     | -          | -    | 3          | 12            | 14   |
| Alabama.....            | -                     | 1    | -           | -                                   | -                   | -     | 1          | 2    | -          | 11            | 7    |
| Mississippi.....        | 2                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 9             | 3    |
| WEST SOUTH CENTRAL...   | 3                     | 2    | -           | 2                                   | -                   | -     | 3          | 1    | 2          | 50            | 30   |
| Arkansas.....           | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 4             | 3    |
| Louisiana.....          | -                     | 1    | -           | -                                   | -                   | -     | 2          | 1    | 2          | 9             | 4    |
| Oklahoma.....           | -                     | -    | -           | 1                                   | -                   | -     | -          | -    | -          | 5             | 1    |
| Texas.....              | 3                     | 1    | -           | 1                                   | -                   | -     | 1          | -    | -          | 32            | 22   |
| MOUNTAIN.....           | -                     | 2    | -           | 1                                   | 10                  | -     | -          | 1    | -          | 49            | 44   |
| Montana.....            | -                     | -    | -           | -                                   | 1                   | -     | -          | -    | -          | -             | 3    |
| Idaho.....              | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 8             | -    |
| Wyoming.....            | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 1             | 3    |
| Colorado.....           | -                     | -    | -           | -                                   | 9                   | -     | -          | -    | -          | 1             | 6    |
| New Mexico.....         | -                     | -    | -           | -                                   | -                   | -     | -          | 1    | -          | 24            | 9    |
| Arizona.....            | -                     | 2    | -           | -                                   | -                   | -     | -          | -    | -          | 6             | 7    |
| Utah.....               | -                     | -    | -           | 1                                   | -                   | -     | -          | -    | -          | 9             | 15   |
| Nevada.....             | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | 1    |
| PACIFIC.....            | 10                    | 15   | -           | 3                                   | 3                   | 2     | -          | -    | 10         | 134           | 139  |
| Washington.....         | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 11            | 11   |
| Oregon.....             | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 29            | 14   |
| California.....         | 10                    | 15   | -           | 3                                   | 3                   | 2     | -          | -    | 10         | 94            | 111  |
| Alaska.....             | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | 2    |
| Hawaii.....             | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | -             | 1    |
| Puerto Rico.....        | -                     | -    | -           | -                                   | -                   | -     | -          | -    | -          | 14            | 14   |

## CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 17, 1966 AND DECEMBER 18, 1965 (50th WEEK) - CONTINUED

| AREA                    | MEASLES (Rubeola) |            |         | MENINGOCOCCAL INFECTIONS, TOTAL |            |       | POLIOMYELITIS |      |           |                 | RUBELLA |
|-------------------------|-------------------|------------|---------|---------------------------------|------------|-------|---------------|------|-----------|-----------------|---------|
|                         | 1966              | Cumulative |         | 1966                            | Cumulative |       | Total         |      | Paralytic |                 |         |
|                         |                   | 1966       | 1965    |                                 | 1966       | 1965  | 1966          | 1965 | 1966      | Cumulative 1966 |         |
| UNITED STATES...        | 1,433             | 200,727    | 259,326 | 58                              | 3,288      | 2,914 | 1             | 2    | 1         | 90              | 385     |
| NEW ENGLAND.....        | 12                | 2,572      | 37,371  | 2                               | 151        | 151   | -             | -    | -         | -               | 41      |
| Maine.....              | 3                 | 297        | 2,933   | -                               | 12         | 18    | -             | -    | -         | -               | 10      |
| New Hampshire.....      | -                 | 80         | 383     | -                               | 9          | 9     | -             | -    | -         | -               | -       |
| Vermont.....            | 1                 | 345        | 1,420   | -                               | 4          | 8     | -             | -    | -         | -               | -       |
| Massachusetts.....      | 5                 | 836        | 19,468  | -                               | 62         | 56    | -             | -    | -         | -               | 8       |
| Rhode Island.....       | 2                 | 75         | 3,970   | 2                               | 21         | 18    | -             | -    | -         | -               | 2       |
| Connecticut.....        | 1                 | 939        | 9,197   | -                               | 43         | 42    | -             | -    | -         | -               | 21      |
| MIDDLE ATLANTIC.....    | 50                | 18,530     | 17,728  | 5                               | 433        | 387   | -             | -    | -         | 1               | 11      |
| New York City.....      | 7                 | 8,372      | 3,443   | -                               | 65         | 64    | -             | -    | -         | -               | 9       |
| New York, Up-State..... | 8                 | 2,656      | 4,445   | 1                               | 113        | 112   | -             | -    | -         | -               | 2       |
| New Jersey.....         | 20                | 2,006      | 3,577   | 3                               | 132        | 103   | -             | -    | -         | -               | -       |
| Pennsylvania.....       | 15                | 5,496      | 6,263   | 1                               | 123        | 108   | -             | -    | -         | 1               | -       |
| EAST NORTH CENTRAL...   | 167               | 70,300     | 62,349  | 12                              | 522        | 442   | -             | -    | -         | 7               | 117     |
| Ohio.....               | 4                 | 6,456      | 9,162   | 4                               | 152        | 121   | -             | -    | -         | 2               | 15      |
| Indiana.....            | 13                | 5,817      | 2,351   | -                               | 88         | 50    | -             | -    | -         | 1               | 7       |
| Illinois.....           | 15                | 11,535     | 4,042   | 2                               | 93         | 118   | -             | -    | -         | 3               | 9       |
| Michigan.....           | 63                | 15,099     | 27,686  | 5                               | 135        | 105   | -             | -    | -         | 1               | 30      |
| Wisconsin.....          | 72                | 31,393     | 19,108  | 1                               | 54         | 48    | -             | -    | -         | -               | 56      |
| WEST NORTH CENTRAL...   | 38                | 9,269      | 17,399  | 4                               | 170        | 140   | -             | -    | -         | 1               | 28      |
| Minnesota.....          | 3                 | 1,684      | 847     | -                               | 36         | 33    | -             | -    | -         | 1               | 3       |
| Iowa.....               | 18                | 5,431      | 9,286   | -                               | 22         | 12    | -             | -    | -         | -               | 15      |
| Missouri.....           | 1                 | 539        | 2,678   | 1                               | 65         | 55    | -             | -    | -         | -               | -       |
| North Dakota.....       | 15                | 1,389      | 4,007   | -                               | 11         | 13    | -             | -    | -         | -               | 10      |
| South Dakota.....       | -                 | 40         | 116     | -                               | 6          | 4     | -             | -    | -         | -               | -       |
| Nebraska.....           | 1                 | 186        | 465     | -                               | 11         | 10    | -             | -    | -         | -               | -       |
| Kansas.....             | NN                | NN         | NN      | 3                               | 19         | 13    | -             | -    | -         | -               | -       |
| SOUTH ATLANTIC.....     | 129               | 16,133     | 26,768  | 10                              | 558        | 551   | -             | -    | -         | 2               | 20      |
| Delaware.....           | -                 | 267        | 516     | -                               | 7          | 11    | -             | -    | -         | -               | -       |
| Maryland.....           | 2                 | 2,125      | 1,260   | -                               | 49         | 54    | -             | -    | -         | -               | 3       |
| Dist. of Columbia..     | -                 | 390        | 128     | -                               | 15         | 11    | -             | -    | -         | -               | -       |
| Virginia.....           | 6                 | 2,257      | 4,280   | 2                               | 66         | 72    | -             | -    | -         | -               | 2       |
| West Virginia.....      | 19                | 5,542      | 14,743  | 1                               | 48         | 29    | -             | -    | -         | 1               | 5       |
| North Carolina.....     | 68                | 738        | 415     | 3                               | 142        | 119   | -             | -    | -         | -               | -       |
| South Carolina.....     | -                 | 664        | 1,190   | 1                               | 55         | 67    | -             | -    | -         | -               | -       |
| Georgia.....            | 2                 | 243        | 628     | -                               | 77         | 63    | -             | -    | -         | 1               | -       |
| Florida.....            | 32                | 3,907      | 3,608   | 3                               | 99         | 125   | -             | -    | -         | -               | 10      |
| EAST SOUTH CENTRAL...   | 136               | 20,704     | 15,895  | 6                               | 283        | 227   | -             | -    | -         | 4               | 13      |
| Kentucky.....           | 18                | 4,852      | 3,659   | 1                               | 97         | 87    | -             | -    | -         | -               | 4       |
| Tennessee.....          | 41                | 12,684     | 8,732   | 2                               | 95         | 72    | -             | -    | -         | -               | 9       |
| Alabama.....            | 19                | 1,807      | 2,355   | 3                               | 62         | 41    | -             | -    | -         | 1               | -       |
| Mississippi.....        | 58                | 1,361      | 1,149   | -                               | 29         | 27    | -             | -    | -         | 3               | -       |
| WEST SOUTH CENTRAL...   | 517               | 26,950     | 32,035  | 8                               | 439        | 366   | 1             | 1    | 1         | 72              | -       |
| Arkansas.....           | 174               | 1,168      | 1,194   | -                               | 37         | 19    | -             | 1    | -         | 1               | -       |
| Louisiana.....          | 3                 | 103        | 129     | 3                               | 166        | 198   | -             | -    | -         | 1               | -       |
| Oklahoma.....           | 25                | 665        | 234     | -                               | 23         | 22    | -             | -    | -         | 1               | -       |
| Texas.....              | 315               | 25,024     | 30,478  | 5                               | 213        | 127   | 1             | -    | 1         | 69              | -       |
| MOUNTAIN.....           | 43                | 12,614     | 20,824  | -                               | 94         | 106   | -             | -    | -         | -               | 25      |
| Montana.....            | 3                 | 1,913      | 3,901   | -                               | 5          | 2     | -             | -    | -         | -               | 1       |
| Idaho.....              | 13                | 1,703      | 2,995   | -                               | 5          | 13    | -             | -    | -         | -               | -       |
| Wyoming.....            | 1                 | 235        | 875     | -                               | 6          | 6     | -             | -    | -         | -               | -       |
| Colorado.....           | 2                 | 1,431      | 5,989   | -                               | 49         | 30    | -             | -    | -         | -               | 6       |
| New Mexico.....         | 12                | 1,232      | 691     | -                               | 10         | 11    | -             | -    | -         | -               | -       |
| Arizona.....            | 11                | 5,370      | 1,507   | -                               | 13         | 21    | -             | -    | -         | -               | 18      |
| Utah.....               | 1                 | 665        | 4,641   | -                               | 1          | 18    | -             | -    | -         | -               | -       |
| Nevada.....             | -                 | 65         | 225     | -                               | 5          | 5     | -             | -    | -         | -               | -       |
| PACIFIC.....            | 341               | 23,655     | 28,957  | 11                              | 638        | 544   | -             | 1    | -         | 3               | 130     |
| Washington.....         | 197               | 5,177      | 7,535   | 4                               | 58         | 47    | -             | 1    | -         | 2               | 64      |
| Oregon.....             | 92                | 2,527      | 3,469   | 1                               | 42         | 37    | -             | -    | -         | -               | 28      |
| California.....         | 35                | 15,151     | 13,694  | 6                               | 516        | 434   | -             | -    | -         | 1               | 34      |
| Alaska.....             | 17                | 636        | 207     | -                               | 18         | 18    | -             | -    | -         | -               | 3       |
| Hawaii.....             | -                 | 164        | 4,052   | -                               | 4          | 8     | -             | -    | -         | -               | 1       |
| Puerto Rico.....        | 50                | 3,462      | 2,872   | -                               | 18         | 11    | -             | -    | -         | 1               | 1       |



## Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
DECEMBER 17, 1966 AND DECEMBER 18, 1965 (50th WEEK) - CONTINUED

| AREA                    | STREPTOCOCCAL<br>SORE THROAT &<br>SCARLET FEVER | TETANUS |              | TULAREMIA |              | TYPHOID |              | TYPHUS FEVER<br>TICK-BORNE<br>(Rky. Mt. Spotted) |              | RABIES IN<br>ANIMALS |              |
|-------------------------|-------------------------------------------------|---------|--------------|-----------|--------------|---------|--------------|--------------------------------------------------|--------------|----------------------|--------------|
|                         |                                                 | 1966    | Cum.<br>1966 | 1966      | Cum.<br>1966 | 1966    | Cum.<br>1966 | 1966                                             | Cum.<br>1966 | 1966                 | Cum.<br>1966 |
| UNITED STATES...        | 7,846                                           | 5       | 191          | 4         | 173          | -       | 363          | -                                                | 248          | 61                   | 3,859        |
| NEW ENGLAND.....        | 1,115                                           | -       | 4            | -         | 1            | -       | 13           | -                                                | 3            | 1                    | 87           |
| Maine.....              | 49                                              | -       | -            | -         | -            | -       | -            | -                                                | -            | -                    | 26           |
| New Hampshire.....      | 2                                               | -       | -            | -         | -            | -       | -            | -                                                | -            | 1                    | 31           |
| Vermont.....            | 2                                               | -       | -            | -         | -            | -       | -            | -                                                | -            | -                    | 25           |
| Massachusetts.....      | 199                                             | -       | 2            | -         | 1            | -       | 9            | -                                                | 1            | -                    | 4            |
| Rhode Island.....       | 84                                              | -       | -            | -         | -            | -       | -            | -                                                | -            | -                    | -            |
| Connecticut.....        | 779                                             | -       | 2            | -         | -            | -       | 4            | -                                                | 2            | -                    | 1            |
| MIDDLE ATLANTIC.....    | 250                                             | -       | 15           | -         | -            | -       | 60           | -                                                | 49           | 3                    | 228          |
| New York City.....      | 16                                              | -       | 5            | -         | -            | -       | 25           | -                                                | -            | -                    | 1            |
| New York, Up-State..... | 175                                             | -       | 2            | -         | -            | -       | 14           | -                                                | 13           | 3                    | 211          |
| New Jersey.....         | NN                                              | -       | 3            | -         | -            | -       | 8            | -                                                | 16           | -                    | -            |
| Pennsylvania.....       | 59                                              | -       | 5            | -         | -            | -       | 13           | -                                                | 20           | -                    | 16           |
| EAST NORTH CENTRAL...   | 870                                             | -       | 21           | 1         | 23           | 2       | 46           | -                                                | 20           | 5                    | 488          |
| Ohio.....               | 133                                             | -       | 5            | -         | 3            | -       | 21           | -                                                | 9            | 1                    | 202          |
| Indiana.....            | 92                                              | -       | 4            | -         | 11           | -       | 5            | -                                                | -            | -                    | 111          |
| Illinois.....           | 164                                             | -       | 4            | 1         | 8            | -       | 7            | -                                                | 11           | -                    | 74           |
| Michigan.....           | 301                                             | -       | 6            | -         | -            | -       | 7            | -                                                | -            | -                    | 42           |
| Wisconsin.....          | 180                                             | -       | 2            | -         | 1            | -       | 6            | -                                                | -            | 4                    | 59           |
| WEST NORTH CENTRAL...   | 473                                             | -       | 15           | 1         | 20           | -       | 34           | -                                                | 4            | 19                   | 895          |
| Minnesota.....          | 12                                              | -       | 3            | -         | 1            | -       | 1            | -                                                | -            | 5                    | 213          |
| Iowa.....               | 182                                             | -       | 2            | -         | -            | -       | 5            | -                                                | -            | 4                    | 165          |
| Missouri.....           | 23                                              | -       | 8            | 1         | 11           | -       | 18           | -                                                | 3            | 4                    | 252          |
| North Dakota.....       | 164                                             | -       | -            | -         | -            | -       | 1            | -                                                | -            | 3                    | 59           |
| South Dakota.....       | 15                                              | -       | -            | -         | 4            | -       | -            | -                                                | -            | 2                    | 116          |
| Nebraska.....           | -                                               | -       | 1            | -         | 2            | -       | 2            | -                                                | -            | 1                    | 29           |
| Kansas.....             | 77                                              | -       | 1            | -         | 2            | -       | 7            | -                                                | 1            | -                    | 61           |
| SOUTH ATLANTIC.....     | 876                                             | 1       | 37           | 1         | 15           | -       | 70           | -                                                | 114          | 5                    | 496          |
| Delaware.....           | 1                                               | -       | -            | -         | -            | -       | 1            | -                                                | 2            | -                    | -            |
| Maryland.....           | 181                                             | -       | 3            | 1         | 5            | -       | 12           | -                                                | 27           | -                    | 3            |
| Dist. of Columbia..     | 1                                               | -       | -            | -         | -            | -       | 2            | -                                                | -            | -                    | -            |
| Virginia.....           | 274                                             | -       | 6            | -         | 2            | -       | 16           | -                                                | 31           | 3                    | 251          |
| West Virginia.....      | 228                                             | -       | -            | -         | 1            | -       | 1            | -                                                | -            | -                    | 59           |
| North Carolina.....     | 29                                              | -       | 4            | -         | 3            | -       | 6            | -                                                | 27           | -                    | 4            |
| South Carolina.....     | 28                                              | -       | 2            | -         | 1            | -       | 15           | -                                                | 5            | -                    | -            |
| Georgia.....            | 14                                              | -       | 8            | -         | 3            | -       | 4            | -                                                | 22           | 2                    | 108          |
| Florida.....            | 120                                             | 1       | 14           | -         | -            | -       | 13           | -                                                | -            | -                    | 71           |
| EAST SOUTH CENTRAL...   | 1,175                                           | 2       | 28           | -         | 24           | -       | 46           | -                                                | 43           | 12                   | 504          |
| Kentucky.....           | 67                                              | -       | 2            | -         | 2            | -       | 10           | -                                                | 9            | 3                    | 120          |
| Tennessee.....          | 947                                             | 2       | 9            | -         | 14           | -       | 24           | -                                                | 25           | 8                    | 341          |
| Alabama.....            | 99                                              | -       | 8            | -         | 4            | -       | 6            | -                                                | 7            | 1                    | 21           |
| Mississippi.....        | 62                                              | -       | 9            | -         | 4            | -       | 6            | -                                                | 2            | -                    | 22           |
| WEST SOUTH CENTRAL...   | 720                                             | 2       | 47           | 1         | 75           | -       | 35           | -                                                | 10           | 12                   | 754          |
| Arkansas.....           | 3                                               | -       | 4            | -         | 56           | -       | 4            | -                                                | 2            | 3                    | 85           |
| Louisiana.....          | 8                                               | -       | 12           | -         | 4            | -       | 10           | -                                                | -            | 1                    | 54           |
| Oklahoma.....           | 9                                               | -       | 3            | 1         | 8            | -       | 10           | -                                                | 7            | 2                    | 184          |
| Texas.....              | 700                                             | 2       | 28           | -         | 7            | -       | 11           | -                                                | 1            | 6                    | 431          |
| MOUNTAIN.....           | 918                                             | -       | 2            | -         | 12           | -       | 16           | -                                                | 4            | 1                    | 97           |
| Montana.....            | 76                                              | -       | -            | -         | 2            | -       | -            | -                                                | -            | -                    | 7            |
| Idaho.....              | 64                                              | -       | -            | -         | -            | -       | -            | -                                                | -            | -                    | -            |
| Wyoming.....            | 73                                              | -       | -            | -         | 6            | -       | -            | -                                                | 1            | -                    | -            |
| Colorado.....           | 164                                             | -       | 2            | -         | -            | -       | 3            | -                                                | 2            | -                    | 18           |
| New Mexico.....         | 228                                             | -       | -            | -         | 1            | -       | 2            | -                                                | 1            | 1                    | 18           |
| Arizona.....            | 132                                             | -       | -            | -         | 1            | -       | 5            | -                                                | -            | -                    | 42           |
| Utah.....               | 180                                             | -       | -            | -         | 2            | -       | 5            | -                                                | -            | -                    | 3            |
| Nevada.....             | 1                                               | -       | -            | -         | -            | -       | 1            | -                                                | -            | -                    | 9            |
| PACIFIC.....            | 1,449                                           | -       | 22           | -         | 3            | -       | 43           | -                                                | 1            | 3                    | 310          |
| Washington.....         | 374                                             | -       | -            | -         | -            | -       | 13           | -                                                | -            | -                    | 15           |
| Oregon.....             | 35                                              | -       | 1            | -         | -            | -       | 1            | -                                                | -            | 1                    | 5            |
| California.....         | 940                                             | -       | 21           | -         | 3            | -       | 27           | -                                                | 1            | 2                    | 290          |
| Alaska.....             | 47                                              | -       | -            | -         | -            | -       | -            | -                                                | -            | -                    | -            |
| Hawaii.....             | 53                                              | -       | -            | -         | -            | -       | 2            | -                                                | -            | -                    | -            |
| Puerto Rico.....        | 3                                               | -       | 54           | -         | -            | 1       | 19           | -                                                | -            | -                    | 19           |

Week No.

## DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 17, 1966

50

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area                      | All Causes  |                      | Pneumonia<br>and<br>Influenza<br>All Ages | Under<br>1 year<br>All<br>Causes | Area                                              | All Causes  |                      | Pneumonia<br>and<br>Influenza<br>All Ages | Under<br>1 year<br>All<br>Causes |
|---------------------------|-------------|----------------------|-------------------------------------------|----------------------------------|---------------------------------------------------|-------------|----------------------|-------------------------------------------|----------------------------------|
|                           | All<br>Ages | 65 years<br>and over |                                           |                                  |                                                   | All<br>Ages | 65 years<br>and over |                                           |                                  |
| NEW ENGLAND:              | 723         | 436                  | 27                                        | 31                               | SOUTH ATLANTIC:                                   | 1,183       | 611                  | 56                                        | 84                               |
| Boston, Mass.-----        | 262         | 144                  | 8                                         | 14                               | Atlanta, Ga.-----                                 | 128         | 58                   | 5                                         | 12                               |
| Bridgeport, Conn.-----    | 51          | 28                   | 4                                         | 2                                | Baltimore, Md.-----                               | 275         | 141                  | 7                                         | 17                               |
| Cambridge, Mass.-----     | 29          | 18                   | -                                         | 1                                | Charlotte, N. C.-----                             | 42          | 14                   | 1                                         | 3                                |
| Fall River, Mass.-----    | 31          | 21                   | 1                                         | 1                                | Jacksonville, Fla.-----                           | 84          | 33                   | 2                                         | 6                                |
| Hartford, Conn.-----      | 54          | 30                   | 1                                         | 3                                | Miami, Fla.-----                                  | 97          | 47                   | 1                                         | 5                                |
| Lowell, Mass.*-----       | 25          | 16                   | 1                                         | 1                                | Norfolk, Va.-----                                 | 48          | 30                   | 6                                         | 1                                |
| Lynn, Mass.-----          | 21          | 17                   | 1                                         | -                                | Richmond, Va.-----                                | 73          | 38                   | 2                                         | 12                               |
| New Bedford, Mass.-----   | 26          | 18                   | 3                                         | -                                | Savannah, Ga.-----                                | 27          | 11                   | 2                                         | 6                                |
| New Haven, Conn.-----     | 50          | 32                   | 1                                         | 2                                | St. Petersburg, Fla.-----                         | 78          | 65                   | 6                                         | 4                                |
| Providence, R. I.-----    | 52          | 35                   | -                                         | -                                | Tampa, Fla.-----                                  | 71          | 39                   | 10                                        | 3                                |
| Somerville, Mass.-----    | 6           | 5                    | -                                         | -                                | Washington, D. C.-----                            | 212         | 106                  | 10                                        | 14                               |
| Springfield, Mass.-----   | 46          | 27                   | 3                                         | 4                                | Wilmington, Del.-----                             | 48          | 29                   | 4                                         | 1                                |
| Waterbury, Conn.-----     | 26          | 18                   | -                                         | 1                                |                                                   |             |                      |                                           |                                  |
| Worcester, Mass.-----     | 44          | 27                   | 4                                         | 2                                | EAST SOUTH CENTRAL:                               | 581         | 294                  | 26                                        | 28                               |
| MIDDLE ATLANTIC:          | 3,390       | 1,916                | 141                                       | 180                              | Birmingham, Ala.-----                             | 88          | 40                   | 6                                         | 7                                |
| Albany, N. Y.-----        | 61          | 26                   | 4                                         | 6                                | Chattanooga, Tenn.-----                           | 45          | 23                   | 1                                         | 1                                |
| Allentown, Pa.-----       | 37          | 21                   | 1                                         | 2                                | Knoxville, Tenn.-----                             | 36          | 21                   | 5                                         | 1                                |
| Buffalo, N. Y.-----       | 152         | 96                   | 3                                         | 2                                | Louisville, Ky.-----                              | 95          | 53                   | 8                                         | 2                                |
| Camden, N. J.-----        | 43          | 23                   | 4                                         | 3                                | Memphis, Tenn.-----                               | 136         | 72                   | 3                                         | 10                               |
| Elizabeth, N. J.-----     | 28          | 11                   | -                                         | 1                                | Mobile, Ala.-----                                 | 50          | 30                   | -                                         | 2                                |
| Erie, Pa.-----            | 37          | 29                   | 1                                         | -                                | Montgomery, Ala.-----                             | 33          | 14                   | 1                                         | 3                                |
| Jersey City, N. J.-----   | 76          | 50                   | 5                                         | 5                                | Nashville, Tenn.-----                             | 98          | 41                   | 2                                         | 2                                |
| Newark, N. J.-----        | 80          | 32                   | 4                                         | 12                               | WEST SOUTH CENTRAL:                               | 1,155       | 606                  | 49                                        | 86                               |
| New York City, N. Y.----- | 1,717       | 966                  | 63                                        | 93                               | Austin, Tex.-----                                 | 29          | 16                   | 2                                         | 1                                |
| Paterson, N. J.-----      | 41          | 19                   | 6                                         | 5                                | Baton Rouge, La.-----                             | 51          | 34                   | 2                                         | 2                                |
| Philadelphia, Pa.-----    | 500         | 284                  | 11                                        | 27                               | Corpus Christi, Tex.-----                         | 14          | 5                    | -                                         | 2                                |
| Pittsburgh, Pa.-----      | 182         | 89                   | 6                                         | 11                               | Dallas, Tex.-----                                 | 167         | 95                   | 6                                         | 7                                |
| Reading, Pa.-----         | 55          | 41                   | 6                                         | -                                | El Paso, Tex.-----                                | 42          | 15                   | 2                                         | 9                                |
| Rochester, N. Y.-----     | 103         | 69                   | 8                                         | 4                                | Fort Worth, Tex.-----                             | 93          | 57                   | 3                                         | 8                                |
| Schenectady, N. Y.-----   | 26          | 14                   | 1                                         | 1                                | Houston, Tex.-----                                | 202         | 84                   | 8                                         | 20                               |
| Scranton, Pa.-----        | 51          | 31                   | 2                                         | 1                                | Little Rock, Ark.-----                            | 45          | 22                   | 3                                         | 4                                |
| Syracuse, N. Y.-----      | 73          | 40                   | 5                                         | 5                                | New Orleans, La.-----                             | 206         | 97                   | 6                                         | 19                               |
| Trenton, N. J.-----       | 67          | 36                   | 6                                         | 2                                | Oklahoma City, Okla.-----                         | 78          | 44                   | 4                                         | 3                                |
| Utica, N. Y.-----         | 27          | 18                   | 2                                         | -                                | San Antonio, Tex.-----                            | 103         | 63                   | 6                                         | 5                                |
| Yonkers, N. Y.-----       | 34          | 21                   | 3                                         | -                                | Shreveport, La.-----                              | 52          | 28                   | 5                                         | 3                                |
|                           |             |                      |                                           |                                  | Tulsa, Okla.-----                                 | 73          | 46                   | 2                                         | 3                                |
| EAST NORTH CENTRAL:       | 2,570       | 1,482                | 81                                        | 156                              | MOUNTAIN:                                         | 381         | 226                  | 17                                        | 27                               |
| Akron, Ohio-----          | 54          | 27                   | -                                         | 7                                | Albuquerque, N. Mex.-----                         | 43          | 18                   | 4                                         | 2                                |
| Canton, Ohio-----         | 34          | 18                   | 5                                         | 3                                | Colorado Springs, Colo.-----                      | 20          | 16                   | 4                                         | 2                                |
| Chicago, Ill.-----        | 752         | 414                  | 31                                        | 57                               | Denver, Colo.-----                                | 107         | 70                   | 3                                         | 10                               |
| Cincinnati, Ohio-----     | 135         | 84                   | 4                                         | 4                                | Ogden, Utah-----                                  | 22          | 11                   | 1                                         | 2                                |
| Cleveland, Ohio-----      | 215         | 128                  | 4                                         | 5                                | Phoenix, Ariz.-----                               | 83          | 54                   | 4                                         | 7                                |
| Columbus, Ohio-----       | 110         | 50                   | 1                                         | 9                                | Pueblo, Colo.-----                                | 19          | 8                    | -                                         | 1                                |
| Dayton, Ohio-----         | 74          | 42                   | 2                                         | 3                                | Salt Lake City, Utah-----                         | 39          | 24                   | 1                                         | 2                                |
| Detroit, Mich.-----       | 335         | 195                  | 4                                         | 16                               | Tucson, Ariz.-----                                | 48          | 25                   | -                                         | 1                                |
| Evansville, Ind.-----     | 40          | 28                   | -                                         | 3                                |                                                   |             |                      |                                           |                                  |
| Flint, Mich.-----         | 40          | 13                   | 1                                         | 5                                | PACIFIC:                                          | 1,505       | 940                  | 39                                        | 68                               |
| Fort Wayne, Ind.-----     | 52          | 33                   | 2                                         | 3                                | Berkeley, Calif.-----                             | 10          | 9                    | -                                         | -                                |
| Gary, Ind.-----           | 66          | 42                   | 4                                         | 3                                | Fresno, Calif.-----                               | 58          | 34                   | 1                                         | 5                                |
| Grand Rapids, Mich.-----  | 44          | 32                   | 4                                         | 1                                | Glendale, Calif.-----                             | 28          | 20                   | -                                         | 1                                |
| Indianapolis, Ind.-----   | 155         | 90                   | 7                                         | 11                               | Honolulu, Hawaii*-----                            | 44          | 21                   | 1                                         | 4                                |
| Madison, Wis.-----        | 39          | 23                   | -                                         | 1                                | Long Beach, Calif.-----                           | 80          | 59                   | 2                                         | 1                                |
| Milwaukee, Wis.-----      | 132         | 89                   | 3                                         | 4                                | Los Angeles, Calif.-----                          | 425         | 267                  | 14                                        | 7                                |
| Peoria, Ill.-----         | 29          | 18                   | -                                         | 5                                | Oakland, Calif.-----                              | 88          | 52                   | -                                         | 4                                |
| Rockford, Ill.-----       | 32          | 22                   | 4                                         | 1                                | Pasadena, Calif.-----                             | 41          | 32                   | 1                                         | 1                                |
| South Bend, Ind.-----     | 50          | 27                   | 2                                         | 1                                | Portland, Oreg.-----                              | 108         | 71                   | 2                                         | 9                                |
| Toledo, Ohio-----         | 119         | 63                   | 3                                         | 10                               | Sacramento, Calif.-----                           | 57          | 38                   | -                                         | 2                                |
| Youngstown, Ohio-----     | 63          | 45                   | -                                         | 4                                | San Diego, Calif.-----                            | 98          | 51                   | 4                                         | 10                               |
| WEST NORTH CENTRAL:       | 795         | 478                  | 20                                        | 41                               | San Francisco, Calif.-----                        | 197         | 105                  | 3                                         | 10                               |
| Des Moines, Iowa-----     | 61          | 39                   | 1                                         | 2                                | San Jose, Calif.-----                             | 31          | 17                   | 5                                         | 1                                |
| Duluth, Minn.-----        | 35          | 21                   | -                                         | 2                                | Seattle, Wash.-----                               | 159         | 110                  | 4                                         | 8                                |
| Kansas City, Kans.-----   | 27          | 14                   | 1                                         | 3                                | Spokane, Wash.-----                               | 54          | 37                   | -                                         | 2                                |
| Kansas City, Mo.-----     | 130         | 72                   | -                                         | 3                                | Tacoma, Wash.-----                                | 27          | 17                   | 2                                         | 3                                |
| Lincoln, Nebr.-----       | 25          | 15                   | -                                         | 4                                |                                                   |             |                      |                                           |                                  |
| Minneapolis, Minn.-----   | 109         | 70                   | 3                                         | 5                                | Total                                             | 12,283      | 6,989                | 456                                       | 701                              |
| Omaha, Nebr.-----         | 57          | 38                   | 2                                         | 1                                | Cumulative Totals                                 |             |                      |                                           |                                  |
| St. Louis, Mo.-----       | 222         | 130                  | 10                                        | 12                               | including reported corrections for previous weeks |             |                      |                                           |                                  |
| St. Paul, Minn.-----      | 70          | 43                   | 3                                         | 6                                | All Causes, All Ages -----                        | 625,657     |                      |                                           |                                  |
| Wichita, Kans.-----       | 59          | 36                   | -                                         | 3                                | All Causes, Age 65 and over-----                  | 358,140     |                      |                                           |                                  |
|                           |             |                      |                                           |                                  | Pneumonia and Influenza, All Ages-----            | 25,459      |                      |                                           |                                  |
|                           |             |                      |                                           |                                  | All Causes, Under 1 Year of Age-----              | 33,464      |                      |                                           |                                  |

\*Estimate - based on average percent of divisional total.

# INTERNATIONAL NOTES QUARANTINE MEASURES

## *Immunization Information for International Travel*

1965-66 edition—Public Health Service Publication No. 384

International Certificates of Vaccination, PHS 731,  
Revised September 1966

January 1, 1965, is the deadline for the introduction worldwide for the new International Certificate of Vaccination or Revaccination Against Smallpox as revised by the 18th World Health Assembly. The certificate indicates that either a freeze-dried or liquid vaccine was used and the origin and batch number must be recorded.

In the United States the certificate is contained in the International Certificates of Vaccination, PHS 731, revised September 1966, which is now available at passport agencies, clerks of the court, Public Health Service facilities, and most local and state health departments. The certificate is also on sale at the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. The price is 10¢ or \$5.00 per hundred. All stock of the old certificates must be destroyed by January 1.

Vaccinations performed before January 1, 1967, and recorded on the old form remain valid until the expiration date of the certificate in question. For example, a smallpox vaccination performed on December 1, 1966, remains valid until December 1, 1969.

## ERRATUM: Vol. 15, No. 48, p. 424:

### Quarantine Measures

- I. Immunization Information for International Travel  
1965-1966 edition

Public Health Service Publication No. 384

#### Section 2, page 13: Typhoid Fever

The fourth sentence should read: The basic series need not be repeated (not 'completed') at any time even if more than 3 years has elapsed since primary immunization or the last booster dose.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 15,600, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA

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ACTING CHIEF, STATISTICS SECTION

DAVID J. SENCER, M.D.  
A.D. LANGMUIR, M.D.  
IDA L. SHERMAN, M.S.

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THE EDITOR  
MORBIDITY AND MORTALITY WEEKLY REPORT  
COMMUNICABLE DISEASE CENTER  
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY. COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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